

# Welding Engineering Laboratories

Herrick Archives Number 044

## A. IDENTIFICATION & LOCATION

### 1. Name

1.1 Officially named "Shops Building" by Board of Trustees on January 9, 1917.

1.2 Officially renamed "Welding Engineering Laboratories" by Board of Trustees on September 12, 1968.

1.3 Alternate names noted:

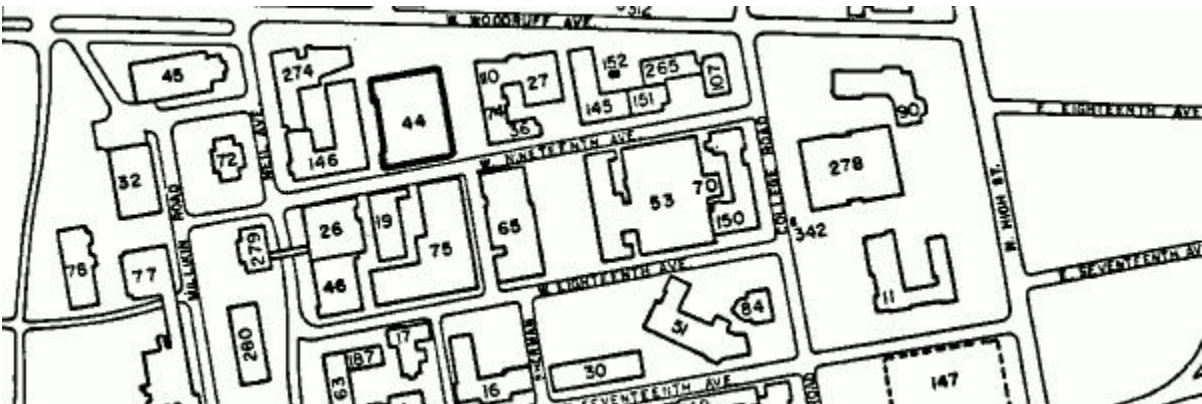
Industrial Engineering Building  
New Shops Building  
Industrial Arts Building

See Addendum No. 1

### 2. Location

2.1 Located at 190 W. 19th Avenue. See map below.

2.2 For greater detail, see Sheet 84 in the book of campus maps in the University Archives.



For identification of other buildings shown, see Appendix A.

### 3. General Description

3.1 Type of construction:

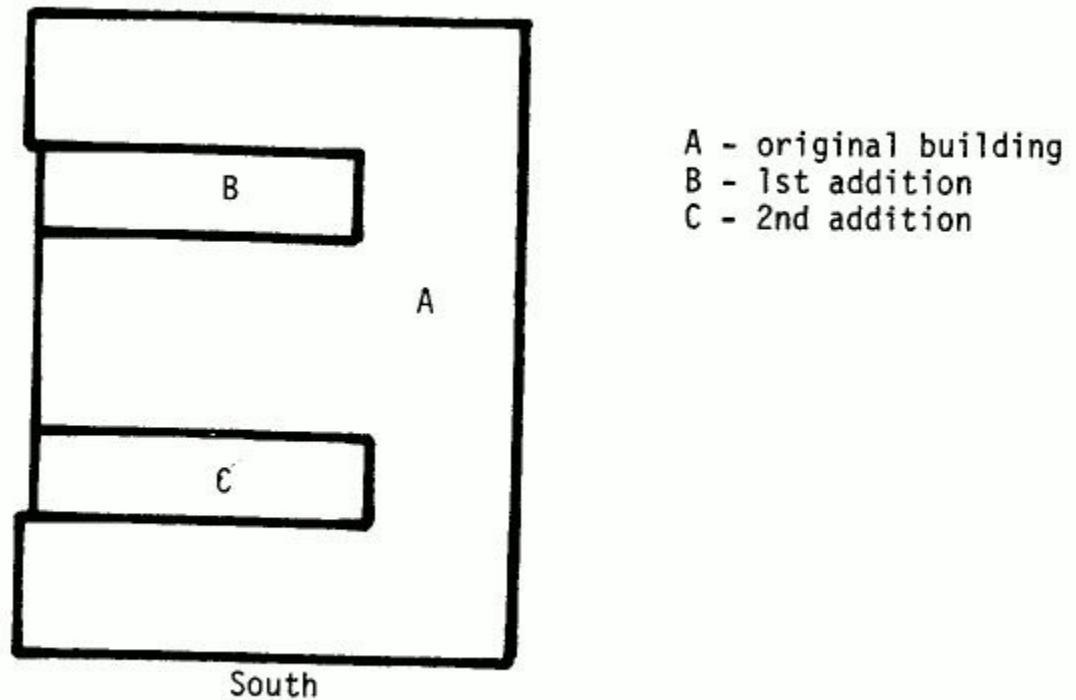
Steel frame with brick exterior.

3.2 No. of stories:

Two stories. No basement. Additions are one story in height.

### 3.3 Increments of construction:

Enlarged twice. See sketch.



### 3.4 Present area of building as shown in inventory records of Division of Campus Planning:

82,086 sq. ft. gross;  
62,438 sq. ft. net assignable

See Addendum No. 2

### 3.5 Volume of building:

1,149,400 cu. ft. (PP)

## B. PLANNING & CONSTRUCTION - ORIGINAL BUILDING

1. On October 5, 1915 the Board of Trustees approved the plans and related documents prepared by Joseph N. Bradford and authorized the solicitation of bids by contractors.
2. Bids were received on November 15, 1915 (T).
3. On November 15, 1915 the board of Trustees awarded contracts to the following contractors:

General: Dawson Construction Co.

Heating, ventilating, plumbing, gas fitting, and sewer: Huffman-Conklin Co.

### 4. Completion and occupancy:

The Monthly for November 1916 (8:13-14) reported that the Department of Industrial Arts had moved

into this building on October 9, but the building was not yet completed. The final estimate on the general contract was approved by the Board of Trustees on January 9, 1917. Thus, it would appear that the building was ready for occupancy in the final quarter of 1916, even though the final estimate on the mechanical work was not approved by the Board of Trustees until April 3, 1917.

### **C. PLANNING & CONSTRUCTION - FIRST ADDITION**

1. On June 30, 1947 the Board of Trustees approved the plans and related documents prepared by Howard Dwight Smith and authorized the solicitation of bids by contractors. The project was designated "Remodeling of Robinson Laboratory and Addition to Industrial Engineering Building."

2. Bids were received on August 4, 1947 (A).

3. On September 5, 1947 the Board of Trustees approved the award by Cabinet of contracts to the following contractors:

General: Haig M. Boyajohn and Associates

Heating: Columbus Heating and Ventilating Co.

Interior painting and patch plastering: Industrial Maintenance Corp.

4. Completion and occupancy:

The general contract was substantially completed on June 1, 1948 (A), and the University Architect's records show that the heating contract was completed on the same date. No record of completion of the third contract has been found.

### **D. PLANNING & CONSTRUCTION - SECOND ADDITION**

1. On October 18, 1949 the Board of Trustees approved the plans and related documents prepared by Howard Dwight Smith and authorized the solicitation of bids by contractors. This project was designated "Remodeling of Industrial Engineering Building for Welding." It included the addition as well as remodeling of the south wing of the building.

2. Bids were received on January 17, 1950 (A).

3. On February 13, 1950 the Board of Trustees awarded contracts to the following contractors:

General: Joseph Skilken and Co.

Electrical: McCarthy Brothers Electric Co.

Heating: M & M Plumbing and Heating Co.

Plumbing: M & M Plumbing and Heating Co.

4. Completion and occupancy:

Substantial completion date of the project was October 1, 1950 (A).

### **E. COST**

Carried on books at \$303,618.70 as of June 30, 1971 (B).

### **F. PHOTOGRAPHS**

1. In Photoarchives:

X 7777

X 7778

X 7896

2. Other

Hooper: 118

McCracken 3:94

John H. Herrick

August 16, 1976

**ADDENDUM NO. 1**

Inspection of old campus maps reveals the following additional name for this building:

Industrial Shops

John H. Herrick

November 21, 1979

**ADDENDUM NO. 2**

Campus Planning records now show the net assignable area of this building as 62,237 square feet.

John H. Herrick

November 7, 1984